AMENDMENTS TO THE CLAIMS

Please substitute the following claims for the pending claims
with the same numbers respectively:

Claim 1 (Original): A medical examination system for
scheduling an appointment for patients comprising:

a plurality of wireless display devices that have a display
part and a communication part held by each patient waiting for a
medical examination; and

a server including a plurality of ~~virtual reality~~ displays
~~corresponding to~~ , said plurality of displays being capable of
displaying guidance information including appointments included
in a scheduler and displaying information from said respective
wireless display devices, a wireless communication means for
communicating~~, and a scheduler of medical examination~~
~~appointments~~ with said respective wireless display devices,
wherein said scheduler includes:

a waiting queue means for individual medical examination
items for forming waiting queues for each of a plurality of
medical examination items and sequentially ~~queueing~~ queuing the
medical examination appointments of the patients, and a waiting

queue means for individual patients for forming waiting queues

for each patient and sequentially ~~queueing~~ queuing medical

examination items for which appointments are ~~to be made~~

scheduled,

said scheduler includes means for ~~making~~ scheduling a first

appointment for ~~one~~ a first medical examination of said medical

examination items so that ~~the~~ an available time ~~when the patient~~

~~can receive a~~ to start said first medical examination on said

medical examination items is calculated ~~to start at an earliest~~

~~possible time on said medical examination items which are~~

~~registered in said waiting queue means for individual patients~~

~~and in said waiting queue means for individual medical~~

~~examination items~~, and

said scheduler includes means for ~~making~~ scheduling at least

a second appointment for ~~another~~ a second medical examination of

said medical examination items so that ~~the~~ an available time ~~when~~

~~the patient can receive a~~ to start said second medical

examination on said medical examination items is calculated ~~to~~

~~start at an earliest possible time~~ after the first appointment

which has been previously confirmed with respect to remaining

queues of said waiting queue means for individual medical items~~,~~

~~and the second appointment time is calculated to start at an~~

~~earliest possible time on said medical examination items which~~

~~are registered in said waiting queue means for individual~~

~~patients and in said waiting queue means for individual medical~~

~~examination items;~~

wherein said server includes means for forming information

concerning medical examination guidance including an individual

medical examination order, a starting time and an order of <u>said</u>

medical examination items based on said waiting queue means for

individual patients and said waiting queue means for medical

examination items, on one of said ~~virtual reality~~ <u>plurality of</u>

displays of said server for respective patients, and

wherein said wireless display devices display <u>the waiting</u>

<u>queues for the respective patient as a queue data structure and</u>

guidance relating to a medical examination route <u>in a form of at</u>

<u>least one of dynamic maps and directions to a next scheduled</u>

<u>medical examination item appointment</u> to individual patients via

said wireless communication means of said server.

Claim 2 (Currently amended): The medical examination system

according to claim 1,

wherein said scheduler includes means for maintaining an

unconfirmed state of an entire appointment process in case an

interval between a starting time of the first appointment and a

completion time of an appointment for a last medical examination

item becomes at least equal to a predetermined amount of time and

one of said medical examination items starts with an empty queue

time period and means for changing the empty queue time period to

a void queue time period that cannot be utilized again, and

means for repeating an appointment process and means for

confirming the entire appointment process when an interval

between the starting time of the first appointment and the

completion time of the appointment for said last medical

examination item becomes less than the predetermined amount of

time and ~~a time period for~~ one of said ~~first~~ medical examination

~~item does not start from an~~ items starts with a non-empty queue

time period.

Claim 3 (Currently amended): The medical examination system

according to claim 2,

wherein said server includes means for allowing ~~its~~ a

database of said server to be accessed from an external network.

Claim 4 (Currently amended): The medical examination system

according to claim 1,

wherein said scheduler includes means for determining ~~a~~

~~condition where~~ at least one of when no confirmation is given

from a first patient, who has completed an appointment, during a

predetermined time period before an appointment time of ~~one of~~

~~said~~ a first medical examination ~~items~~ item of the waiting queue

means for individual patients ~~corresponding to~~ and when a second

patient, who has an appointment, has applied for cancellation ~~of~~

~~a medical examination appointment and for determining a condition~~

~~where a patient previously applied for cancellation~~, said

scheduler further includes means for eliminating at least one of

the appointment of the first patient and the appointment of the

second patient from said waiting queue means for individual

patients, and means for moving ~~all~~ at least one of the remaining

patients, who have been queued in said waiting queue means for

individual medical examination items, to an empty queue, which

eliminated the at least one of the appointment of the first

patient and the appointment of the second patient, so that

~~reappoints~~ reappointments become possible ~~for this time~~ and means

for providing notices of cancellation to patients who have been

queued in the waiting queue means and have not ~~made appointments~~

scheduled an appointment and means for providing notices of

change of appointments are given to patients who have already

made appointments.

Claim 5 (Currently amended): The medical examination system

according to claim 4,

wherein said server includes means for allowing ~~its~~ <u>a</u>

database <u>of said server</u> to be accessed from an external network.

Claim 6 (Currently amended): The medical examination system

according to claim 1,

wherein said scheduler includes means for determining when a

patient completes a medical examination for one of said medical

examination items and for eliminating an entry related to the

medical examination from said queue and means for determining

when the patient does not complete a medical examination in a

predetermined amount of time and for changing times of patients

in said waiting queue means for individual medical examination

items to a next appointment time period that is available so as

to be delayed while following ~~the~~ <u>said</u> waiting queue means for

individual patients.

Claim 7 (Currently amended): The medical examination system

according to claim 6,

wherein said server includes means for allowing ~~its~~ <u>a</u>

database <u>of said server</u> to be accessed from an external network.

Claim 8 (Currently amended): The medical examination system

according to claim 1,

wherein said server includes means for allowing ~~its~~ a

database of said server to be accessed from an external network.

Claim 9 (Currently amended):   The medical examination system

according to claim 1, said medical examination system further

comprises:

a personal computer installed in a medical examination site,

wherein said personal computer comprises a communication means

for communicating at close range with the wireless display device

carried by ~~the~~ a patient, a communication means for communicating

with said server and a control means for outputting information

relating to completion of the medical examination of the patient.

Claim 10 (Currently amended):   The medical examination

system according to claim [[1]] 11, said medical examination

system further comprises:

a personal computer installed in a medical examination site,

wherein said personal computer comprises a communication means

for communicating at close range with the wireless display device

carried by ~~the~~ a patient, a communication means for communicating

with said server and a control means for outputting information

relating to at least one of arrival of the patient and completion

of the medical examination of the patient.

Claim 11 (Currently amended): A medical examination system for scheduling an appointment for patients comprising:

a plurality of wireless display devices that have a display part and a communication part held by each patient waiting for a medical examination; and

a server including a plurality of virtual reality displays corresponding to , said plurality of displays being capable of displaying guidance information including appointments included in a scheduler and displaying information from said respective wireless display devices, a wireless communication means for communicating, and a scheduler of medical examination appointments with said respective wireless display devices, wherein said scheduler includes:

a waiting queue means for individual medical examination items for forming waiting queues for each of a plurality of medical examination items and sequentially queueing queuing the medical examination appointments of the patients, and a waiting queue means for individual patients for forming waiting queues for each patient and sequentially queueing queuing medical examination items for which appointments are to be made scheduled,

said scheduler includes means for ~~making~~ scheduling a first appointment for ~~one~~ a first medical examination of said medical examination items so that ~~the~~ an available time ~~when the patient can receive a~~ to start said first medical examination on said medical examination items is calculated ~~to start at an earliest possible time on said medical examination items which are registered in said waiting queue means for individual patients and in said waiting queue means for individual medical examination items~~, and

said scheduler includes means for ~~making~~ scheduling at least a second appointment for ~~another~~ a second medical examination of said medical examination items so that ~~the~~ an available time ~~when the patient can receive a~~ to start said second medical examination on said medical examination items is calculated ~~to start at an earliest possible time~~ after the first appointment which has been previously confirmed with respect to remaining queues of said waiting queue means for individual medical items, ~~and the second appointment time is calculated to start at an earliest possible time on said medical examination items which are registered in said waiting queue means for individual patients and in said waiting queue means for individual medical examination items~~;

said scheduler further includes means for determining that a completion time for an appointment for one of said medical examination items is delayed for at least an average time required for the medical examination on said one of said medical examination items and means for utilizing an empty queue time period in said waiting queue means for individual medical examination items so that a time for a next appointment is available for each of said medical examination items, said scheduler further includes means for representing a starting time as a leading queue when an empty queue time period exists within said queue and for representing a starting time when no empty queue time periods ~~exists~~ exist by the time immediately after the final patient completes a medical examination appointment so that the time is registered with said waiting queue means for individual patients and said waiting queue means for individual medical examination items by calculating the time so as to start from a time when an appointment is available in an earliest medical examination item,

wherein said server includes means for forming information concerning medical examination guidance including an individual medical examination order, a starting time and an order of medical examination items based on said waiting queue means for individual patients and said waiting queue means for medical

examination items, on one of said ~~virtual reality~~ plurality of

displays of said server for respective patients, and

wherein said wireless display devices ~~displays~~ display the

waiting queues for the respective patient as a queue data

structure and guidance relating to a medical examination route in

a form of at least one of dynamic maps and directions to a next

scheduled medical examination item appointment to individual

patients via said wireless communication means of said server.

Claim 12 (Currently amended): The medical examination

system according to claim 11,

wherein said scheduler includes means for maintaining an

unconfirmed state of an entire appointment process in case an

interval between a starting time of the first appointment and a

completion time of an appointment for a last medical examination

item becomes at least equal to a predetermined amount of time and

one of said medical examination items starts with an empty queue

time period and means for changing the empty queue time period to

a void queue time period that cannot be utilized again, and

means for repeating an appointment process and means for

confirming the entire appointment process when an interval

between the starting time of the first appointment and the

completion time of the appointment for said last medical

examination item becomes less than the predetermined amount of time and ~~a time period for~~ one of said ~~first~~ medical examination ~~item does not start from an~~ items starts with a non-empty queue time period.

Claim 13 (Currently amended): The medical examination system according to claim 12,

wherein said server includes means for allowing ~~its~~ a database of said server to be accessed from an external network.

Claim 14 (Currently amended): The medical examination system according to claim 11,

wherein said scheduler includes means for determining ~~a condition where~~ at least one of when no confirmation is given from a first patient, who has completed an appointment, during a predetermined time period before an appointment time of ~~one of said~~ a first medical examination ~~items~~ item of the waiting queue means for individual patients ~~corresponding to~~ and when a second patient, who has an appointment, has applied for cancellation ~~of a medical examination appointment and for determining a condition where a patient previously applied for cancellation~~, said scheduler further includes means for eliminating at least one of the appointment of the first patient and the appointment of the

second patient from said waiting queue means for individual

patients, and means for moving ~~all~~ at least one of the remaining

patients, who have been queued in said waiting queue means for

individual medical examination items to an empty queue, which

eliminated the at least one of the appointment of the first

patient and the appointment of the second patient, so that

~~reappoints~~ reappointments become possible ~~for this time~~ and means

for providing notices of cancellation to patients who have been

queued in the waiting queue means and have not ~~made appointments~~

scheduled an appointment and means for providing notices of

change of appointments are given to patients who have already

made appointments.

Claim 15 (Currently amended): The medical examination

system according to claim 14,

wherein said server includes means for allowing ~~its~~ a

database of said server to be accessed from an external network.

Claim 16 (Currently amended): The medical examination

system according to claim 11,

wherein said scheduler includes means for determining when a

patient completes a medical examination for one of said medical

examination items and for eliminating an entry related to the

medical examination from said queue and means for determining
when the patient does not complete a medical examination in a
predetermined amount of time and for changing times of patients
in said waiting queue means for individual medical examination
items to a next appointment time period that is available so as
to be delayed while following ~~the~~ said waiting queue means for
individual patients.

Claim 17 (Currently amended): The medical examination
system according to claim 16,

wherein said server includes means for allowing ~~its~~ a
database of said server to be accessed from an external network.

Claim 18 (Currently amended): The medical examination
system according to claim 11,

wherein said server includes means for allowing ~~its~~ a
database of said server to be accessed from an external network.

Claim 19 (Currently amended): A method for scheduling an
appointment of a medical examination ~~method~~ for patients, said
method comprising the steps of:

providing a plurality of wireless display devices, having a
display part and a communication part, to a patient waiting for ~~a~~
the medical examination;

providing a server including a plurality of ~~virtual reality~~
displays ~~corresponding to~~ , the plurality of displays being
capable of displaying guidance information including appointments
included in a scheduler and displaying information from the
respective wireless display devices, a wireless communication
means for communicating~~, and a scheduler of medical examination~~
~~appointments~~ with the respective wireless display devices,

forming waiting queues for individual medical examination
items, and

forming waiting queues for each patient,

~~making~~ scheduling a first appointment for ~~one~~ a first
medical examination of the medical examination items so that ~~the~~
an available time ~~when the patient can receive a~~ to start the
first medical examination on the medical examination items is
calculated ~~to start at an earliest possible time for the medical~~
~~examination items which are registered in the waiting queue for~~
~~individual patients and in the waiting queue for individual~~
~~medical examination items~~ ; and [[,]]

~~making~~ scheduling at least a second appointment for ~~another~~
a second medical examination of the medical examination items so

that ~~the~~ an available time ~~when the patient can receive a~~ to start the second medical examination on the medical examination items is calculated ~~to start at an earliest possible time~~ after the first appointment which has been previously confirmed with respect to remaining queues of the waiting queues for individual medical items~~, and the second appointment time is calculated to start at an earliest possible time on the medical examination items which are registered in the waiting queue for individual patients and in the waiting queue for individual medical examination items~~;

~~forming~~ providing information concerning medical examination guidance including an individual medical examination order, a starting time and an order of the medical examination items based on the waiting queue for individual patients and the waiting queue for medical examination items, on one of the ~~virtual reality~~ plurality of displays of the server for respective patients; and

displaying the waiting queues for the respective patient as a queue data structure and guidance relating to a medical examination route in a form of at least one of dynamic maps and directions to a next scheduled medical examination item appointment to individual patients from the server.